

## **ABSTRACT**

Dynamic adjustment of searcher thresholds used to detect propagation paths of a communications signal transmitted from a transmitter to the base band receiver. Interference signal code power (ISCP) measurements of the communications signal are obtained from a database communicatively coupled with the base band receiver, wherein contents of the database are associated with a physical layer. A scaler is calculated based on the ISCP measurements only. The searcher thresholds, which are stored in the database, are adjusted using the scaler. The adjusted searcher thresholds are then stored in the database.